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 Smart card validation device esp. for cash substitute use - has encryption sequence utilising single user key together with validation data accessed from protected memory

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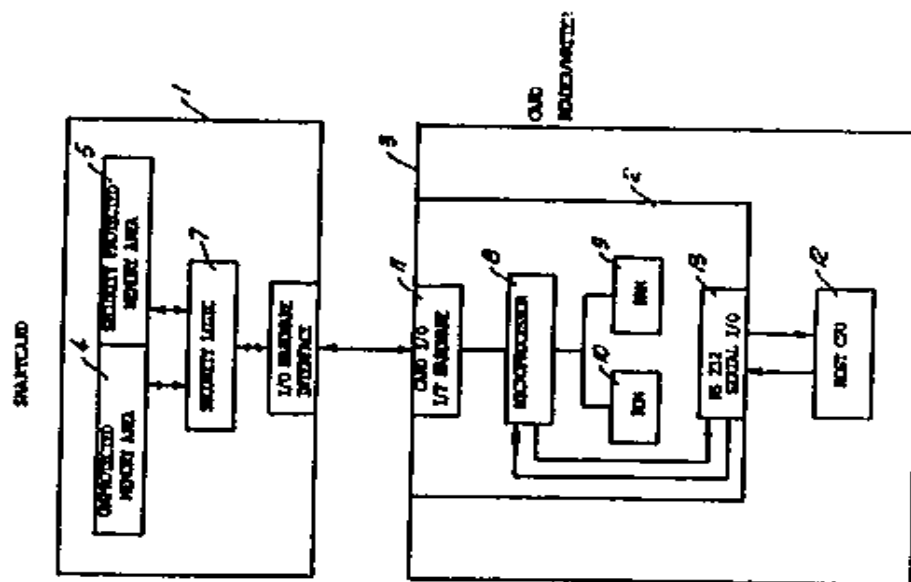
A validation device (2) for a smart card (1) is of the type which has unprotected (4) and protected (5) data storage memory, the latter selectively accessible by use of a user access code. The device (2) performs encryption on identification data to produce the user access code and accesses the unprotected memory for additional identifiers to encrypt.

The access code is then supplied to the smart card to access selected data from the protected memory to obtain validation data. A comparator (8) compares the identification and validation data, only granting further access if a match is obtained.

ADVANTAGE - Does not require management of multiple user keys, so preventing information falling into hands of unauthorised users. (16pp Dwg.No.1/4)

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T1-C T1-H1B T1-D T1-H1C T4-K



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